



# City of San Antonio

## Agenda Memorandum

**File Number:**19-2603

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**Agenda Item Number:** 2.

**Agenda Date:** 3/18/2019

**In Control:** Transportation Committee

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**DEPARTMENT:** Transportation & Capital Improvements

**DEPARTMENT HEAD:** Razi Hosseini, P.E., R.P.L.S.

**COUNCIL DISTRICT IMPACTED:** Citywide

### **SUBJECT:**

Proposed Projects for the Congestion Mitigation Air Quality (CMAQ) program

### **SUMMARY:**

Transportation & Capital Improvements (TCI) will provide a briefing to the City Council Transportation Committee on the Alamo Area Metropolitan Planning Organization (AAMPO) call for projects on 15 proposed projects and programs totaling an estimated \$60.4 million for funding consideration through the FY 2020-2022 Congestion Mitigation Air Quality (CMAQ) program.

### **BACKGROUND INFORMATION:**

The AAMPO includes all of Bexar, Comal, and Guadalupe Counties, and a portion of Kendall County. On July 17, 2018, Bexar County was designated marginal non-attainment by the Environmental Protection Agency (EPA) under the National Ambient Air Quality Standards (NAAQS) effective September 24, 2018. As a result, Bexar County is eligible to receive Congestion Mitigation and Air Quality (CMAQ) funding to assist in meeting transportation conformity requirements.

- Transportation Conformity - Under the national Clean Air Act (CAA), Metropolitan Planning Organizations must show that the short- and long-range plans for the region's transportation system do not worsen air quality. This process is called transportation conformity and ensures transportation and air quality agencies are working toward the same goal of cleaner air.
- CMAQ Funding - Federal funding source allocated by formula to Metropolitan Planning Organizations

designated non-attainment, with a population greater than 200,000. CMAQ is a reimbursable program only and all federal and state rules apply. Only projects and programs within Bexar County are eligible for submittal. Applicants can include municipalities, counties, regional mobility authorities, river authorities, and school districts. Funding is estimated at \$60 million total for FY 2020-2022 with roughly \$20 million estimated per year. This funding is contingent upon the availability of federal funding.

AAMPO has established the following requirements must be met in order to qualify for this call for projects:

- Infrastructure projects submitted must have a minimum construction cost of \$1,000,000.
- Only eligible items related to construction will be reimbursable; all development costs (design, engineering, right-of-way acquisition, etc.) are the responsibility of the local implementing agency.
- A minimum 20% cash match on the project or program cost is required.
- Projects adding or reducing roadway capacity (vehicle lanes) are ineligible.
- If any implementing agency submits more than one project or program, they are required to prioritize their submittals.
- Projects or programs selected for funding will be placed in the Transportation Improvement Program (TIP) and Metropolitan Transportation Plan (MTP) for the respective fiscal year.

While AAMPO selects projects for CMAQ funding, the Texas Department of Transportation (TxDOT) is the federally designated pass-through agency for this funding source. Entities awarded funding will enter into an agreement with TxDOT, who will require reimbursement of their costs for review and coordination of the project or program.

Examples of eligible Projects and Programs are listed below:

#### Projects

- Congestion reduction and traffic flow improvements
- Freight and intermodal
- Bicycle and pedestrian facilities
- Transit improvements

#### Programs

- Diesel engine retrofit and other advanced truck technologies
- Idle reduction
- Bicycle and pedestrian programs
- Public education and outreach
- Transportation Management Associations
- Carpooling and vanpooling
- Travel Demand Management
- Alternative fuels and vehicles
- Inspection and maintenance programs

On February 18, 2019, TCI presented a draft list of projects to the City Council Transportation Committee. During the briefing, the Committee recommended staff revise the list to include more projects supporting alternative transportation.

## ISSUE:

The 15 projects and programs proposed by TCI have been selected based primarily on the following five factors:

- Ongoing Needs and Challenges
- Locations/Areas of Concern
- Program Continuation
- Leveraged Funding Opportunities
- Volkswagen Beneficiary Mitigation Trust Fund Consideration
- Climate Action and Adaptation Plan Consideration

The table below provides a brief overview of the 15 proposed projects and programs included in the application and the proposed funding sources for the match requirement:

<u>Proposed Projects</u>	<u>Project Type</u>	<u>Council District</u>	<u>Program Cost/ Project Cost<sup>1</sup></u>	<u>20% Local Match</u>	<u>Potential Match Funding Source</u>
1. CoSA Transportation Demand Management (TDM) Programs	Travel Demand Management	Citywide	\$0.75M	\$0.15M	Future Fiscal Year Budget
2. Sustainability / Health Education & Outreach Program	Public Education & Outreach	Citywide	\$0.45M	\$0.09M	Future Fiscal Year Budget
3. Bicycle Master Plan Update	Bicycle & Pedestrian Programs	Citywide		\$1.5M	\$0.3M Future Fiscal Year IMP Budget
4. Medical Center Green Street (Hamilton Wolfe/ Ewing Halsell)	Bicycle & Pedestrian Facilities	CD8	\$6M	\$1.2M	Future Fiscal Year IMP Budget
5. Abe Lincoln Bicycle Facility	Bicycle & Pedestrian Facilities	CD7	\$1.5M	\$0.3M	Future Fiscal Year IMP Budget
6. Five Palms Bicycle Facility	Bicycle & Pedestrian Facilities	CD4	\$7M	\$1.4M	Future Fiscal Year IMP Budget
7. Lockhill-Selma Bicycle Facility	Bicycle & Pedestrian Facilities	CD8	\$5M	\$1M	Future Fiscal Year IMP Budget
8. Citywide Intelligent Transportation Systems (ITS)	Congestion Reduction & Traffic Flow Improvements	Citywide		\$2M	\$0.4M Future Fiscal Year IMP Budget
9. Traffic Signal Optimization	Congestion Reduction & Traffic Flow Improvements	Citywide		\$5M	\$1M Future Fiscal Year IMP Budget
10. Rittiman Rd. at UPRR Crossing Overpass	Congestion Reduction & Traffic Flow Improvements	CD2		\$30M	\$6M FY 2022-2027 Bond Program
11. Westover Hills Blvd. /	Congestion Reduction &	CD6		\$1.2M	\$0.24M Future Fiscal

Military Dr. Turn Lanes	Traffic Flow Improvements				Year Budget
12. US281 at Basse Rd. / US281 at Jones-Maltsberger (TxDOT) <sup>2</sup>	Congestion Reduction & Traffic Flow Improvements	CD1	\$12.8M <sup>2</sup>	\$1.28M <sup>2</sup>	Future Fiscal Year Budget
13-15. VIA Programs: Frequency, Vanpool, & Mobility on Demand <sup>2</sup>	Programs that Encourage Transit Ridership	Citywide	\$14M <sup>2</sup>	\$1.4M <sup>2</sup>	Future Fiscal Year Budget
<b>CITY TOTAL</b>			<b>\$60.4M</b>	<b>\$14.76M</b>	

<sup>1</sup> Project Cost represents only construction cost, the local agency is responsible for design and right-of-way acquisition.

<sup>2</sup> 10% overmatch proposed is to help ensure project selection, Project Cost is not included in City Total, 20% Local Match is included in City Total.

The list of projects will need to be approved by City Council in March 2019 prior to the April 1, 2019 project submittal deadline. The CMAQ funding program development schedule is as follows:

- May 2019 - Projects scored by AAMPO Committees
- June 2019 - AAMPO hosts public meetings/workshops
- July 2019 - AAMPO Technical Advisory Committee and Transportation Policy Board review the selected projects
- August 2019 - AAMPO Technical Advisory Committee and Transportation Policy Board consideration for approval on the selected projects

In addition to pursuing CMAQ program funding, the City is also actively pursuing funding available to Texas through the Volkswagen Beneficiary Mitigation Trust Fund, administered by the Texas Commission on Environmental Quality (TCEQ). TCI has been closely coordinating with the Office of Sustainability and San Antonio Metro Health Department who are leading this effort. Potential projects include City fleet replacement, vehicle electrification programs, and installation of charging stations. The combination of the Volkswagen Beneficiary Mitigation Trust Fund and CMAQ potential projects and programs gives the City a well-balanced approach to implementing infrastructure improvements and new programs to improve air quality.

## ALTERNATIVES:

This is a briefing only.

## FISCAL IMPACT:

This is a briefing only.

## RECOMMENDATION:

Staff recommends this briefing on 15 FY 2020-2022 Congestion Mitigation Air Quality (CMAQ) program projects and programs be presented to City Council during the March 21, 2019 “A” Session. City staff will request City Council authorization for the submittal of these 15 transportation projects and programs for funding consideration by the Alamo Area Metropolitan Planning Organization by April 1, 2019.

